

Optical Switch Having an Optically Addressed MEMS Array

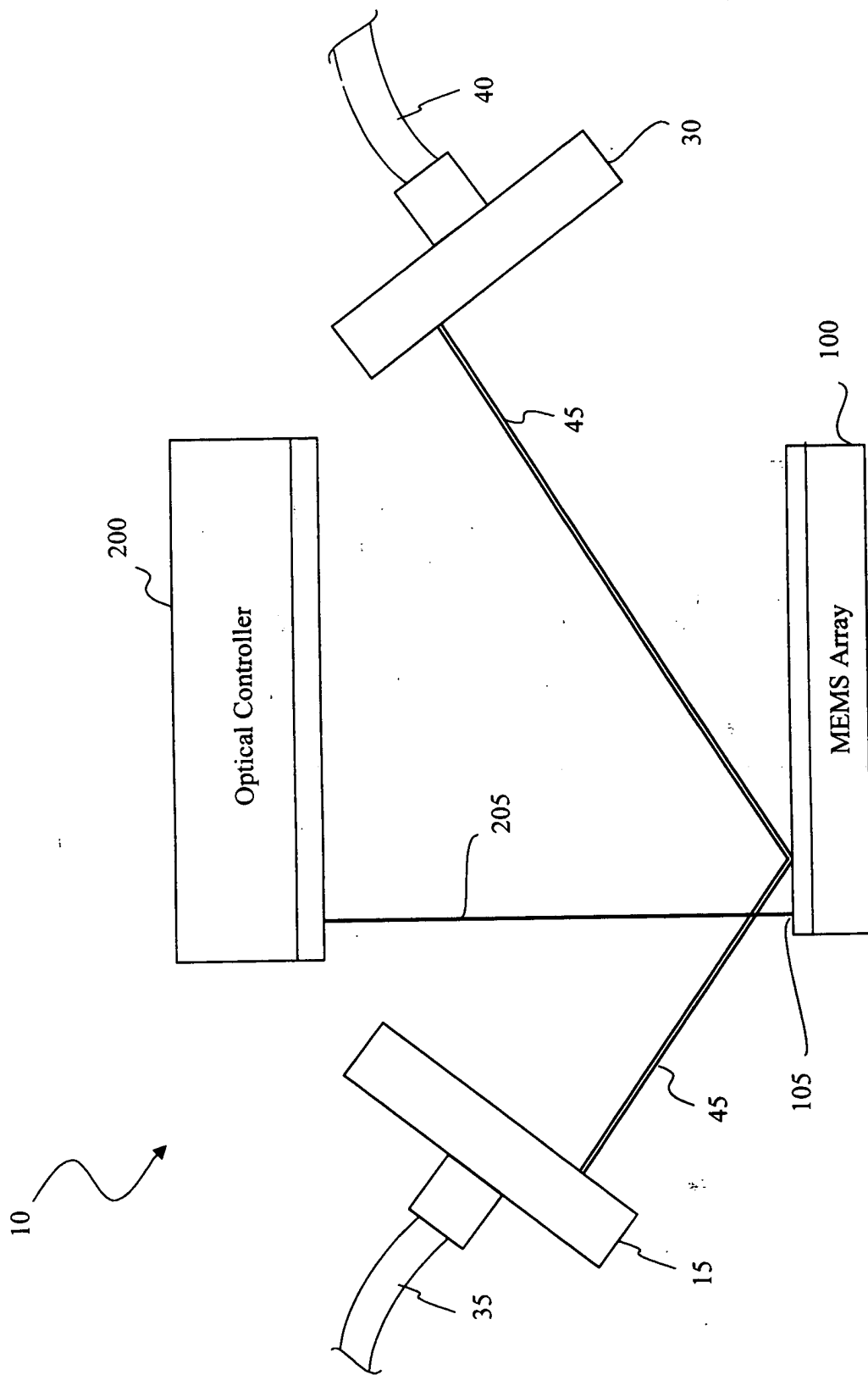


FIG. 1

Control Beam Striking A Sensor on a MEMS Array

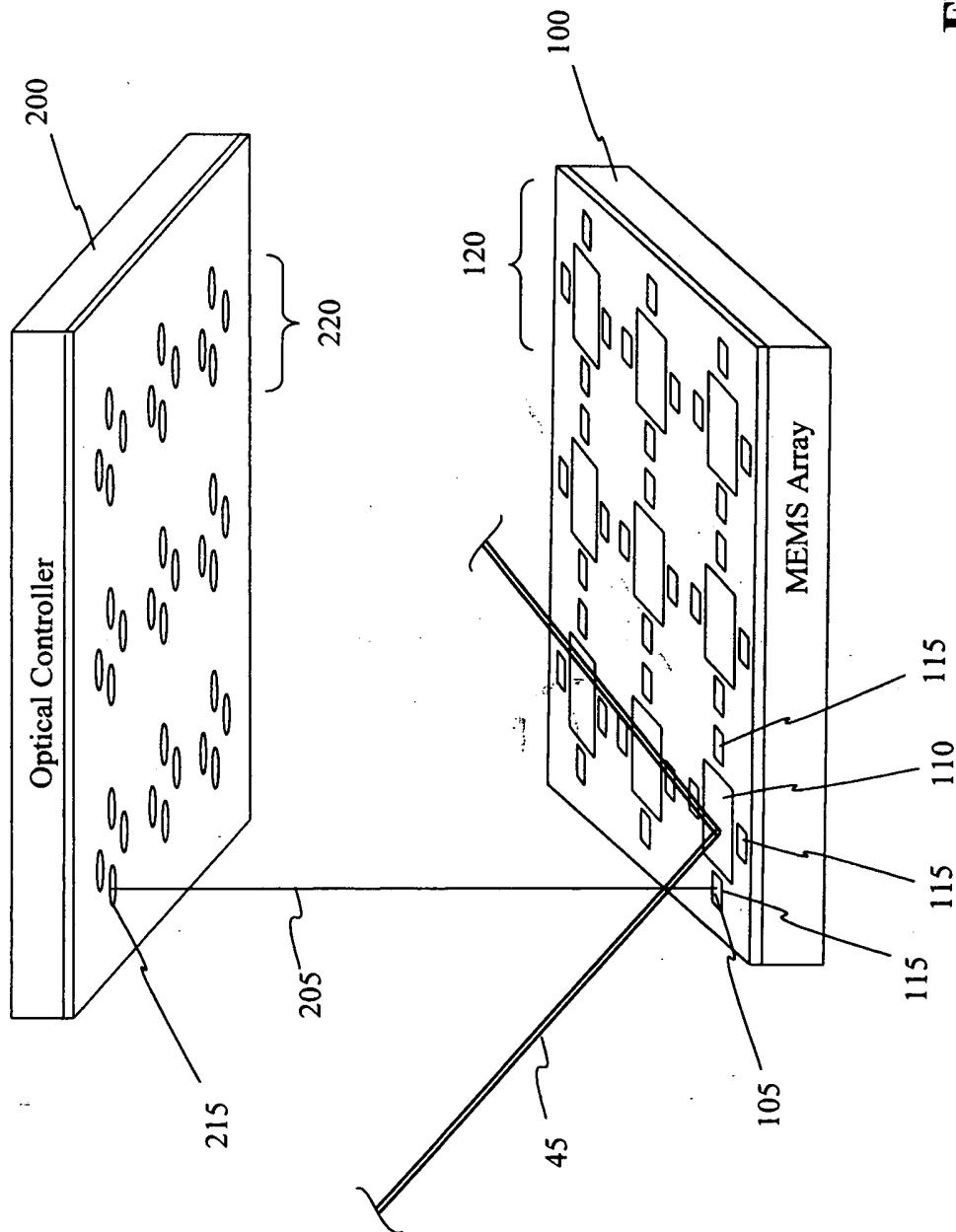


FIG. 2

Optical Controller Lenslet Array

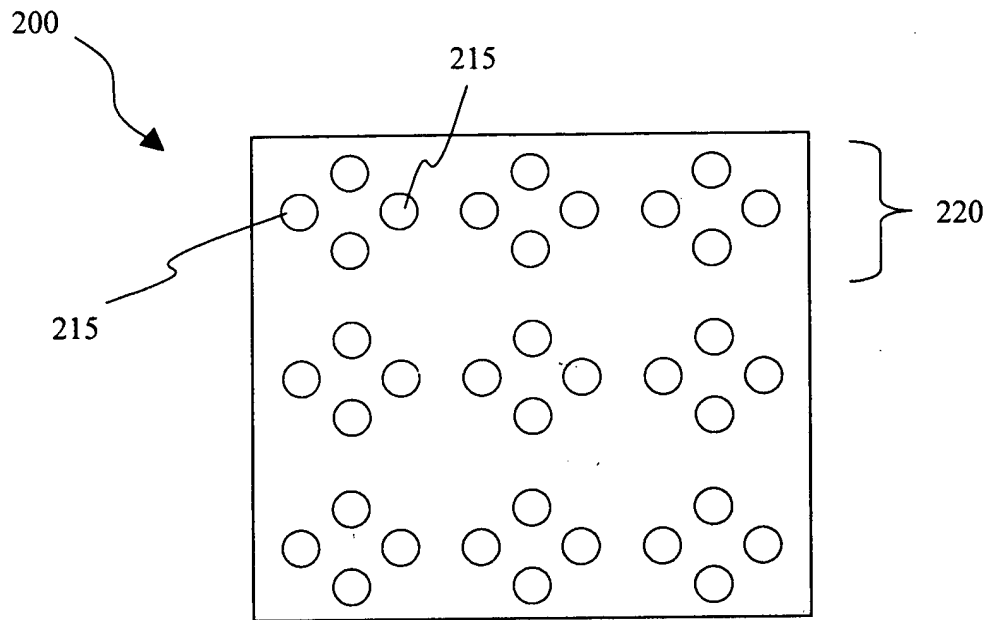


FIG. 3

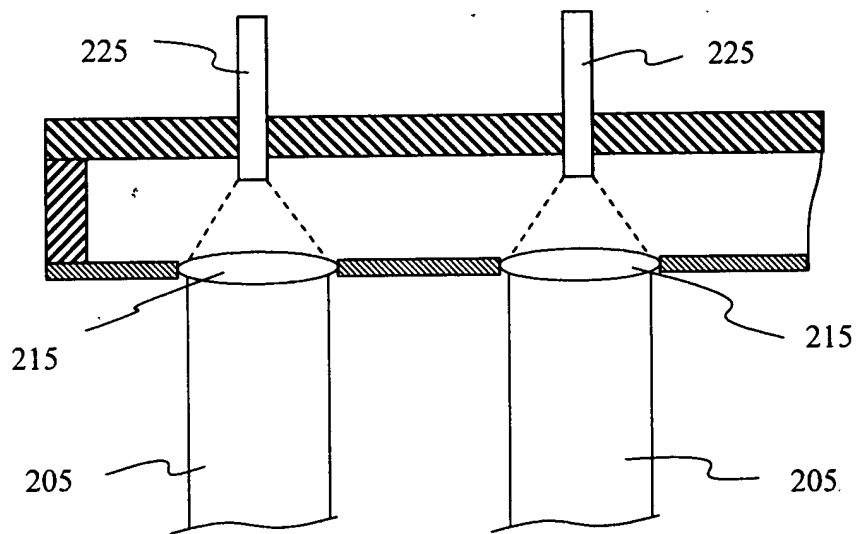


FIG. 4

MEMS Array

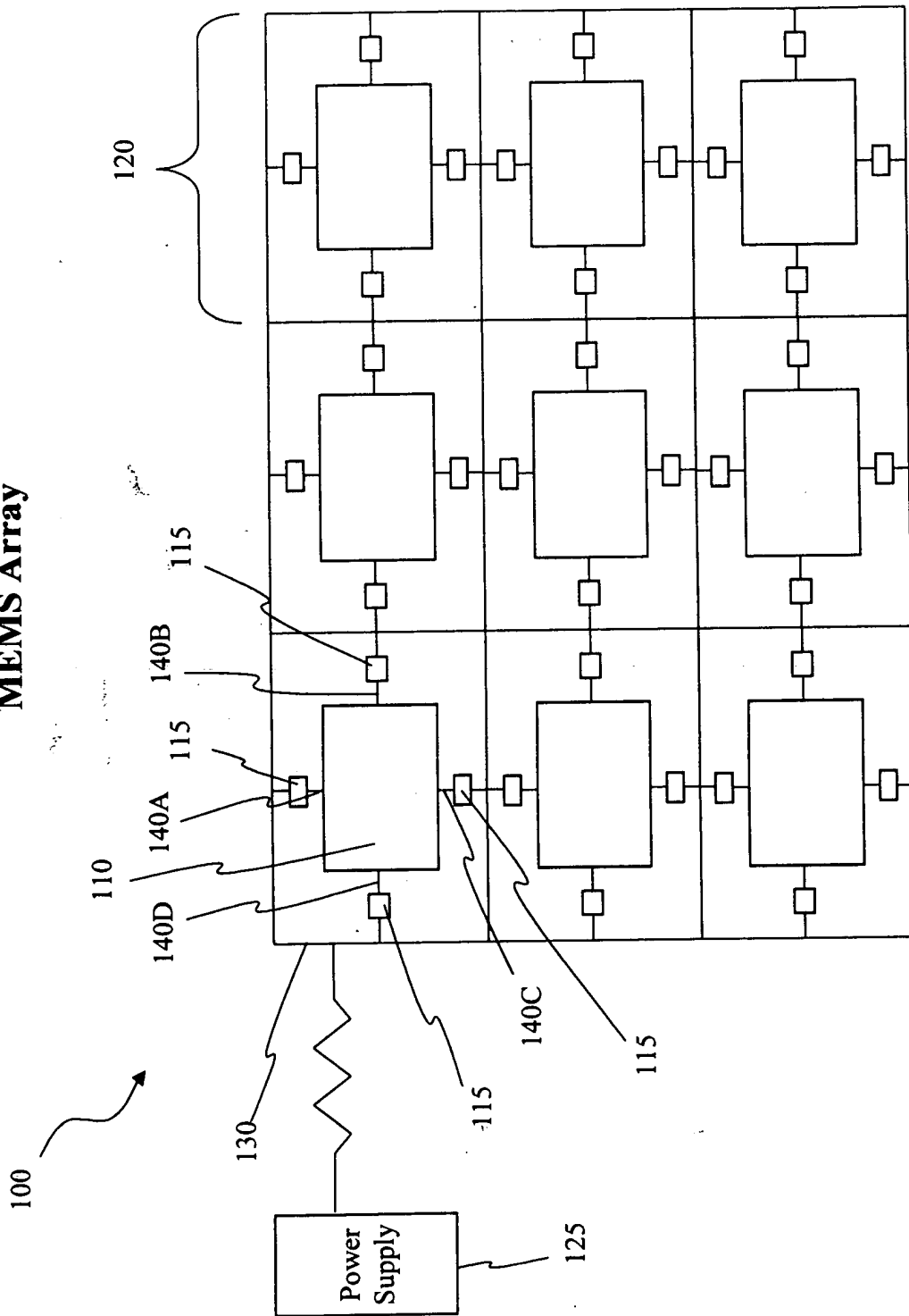


FIG. 5

Top View of Individual Mirror Unit

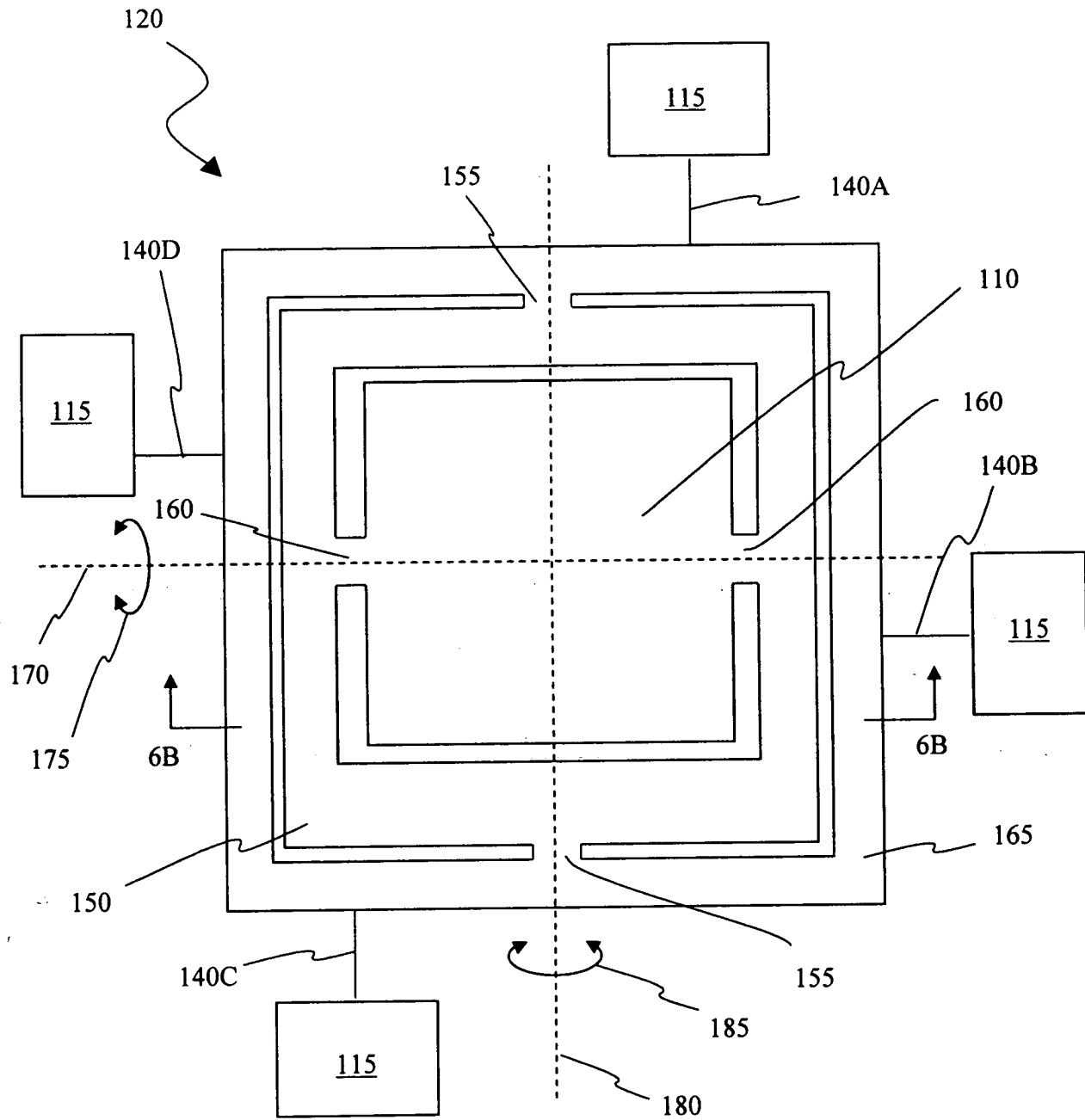


FIG. 6A

Side View of Individual Mirror Unit

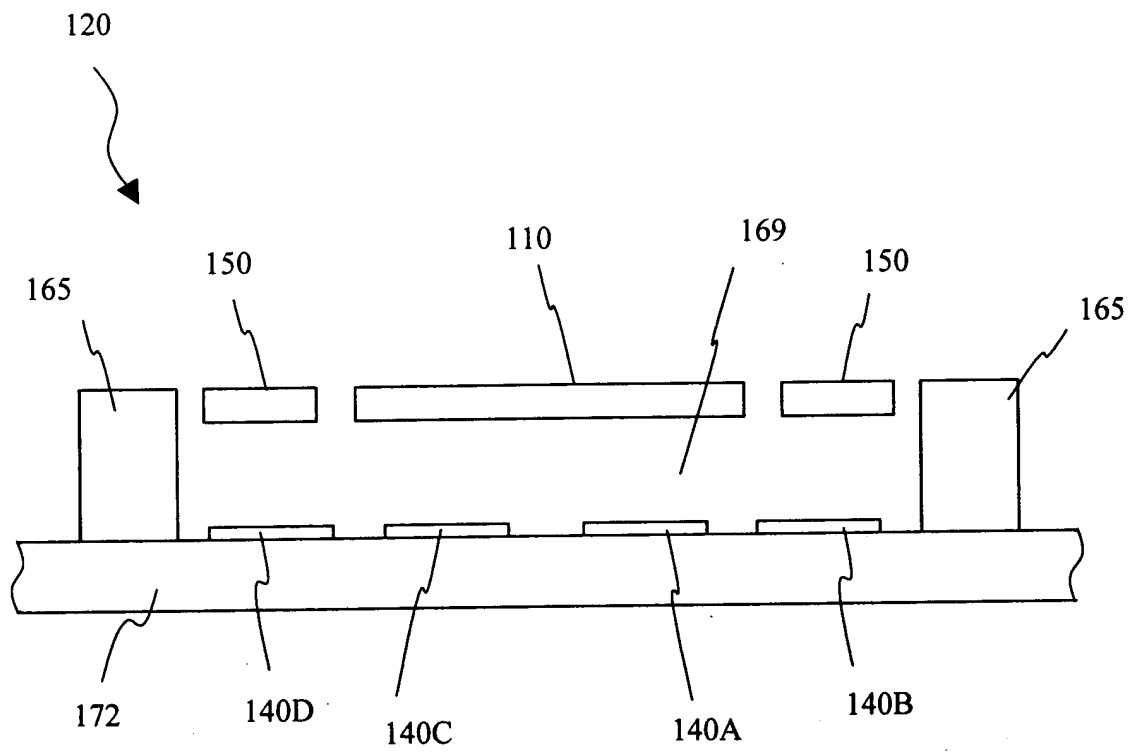


FIG. 6B

Exemplary Sensor Voltage Circuits

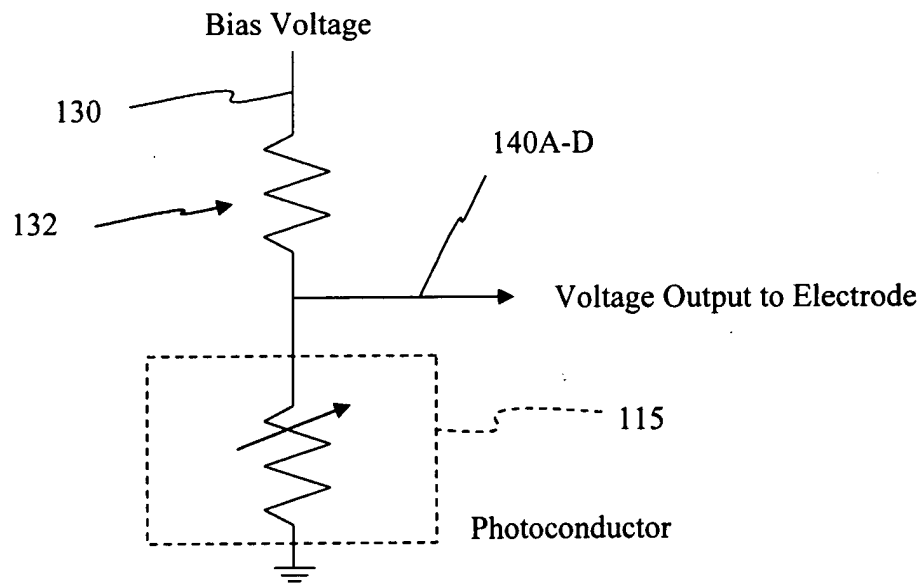


FIG. 6C

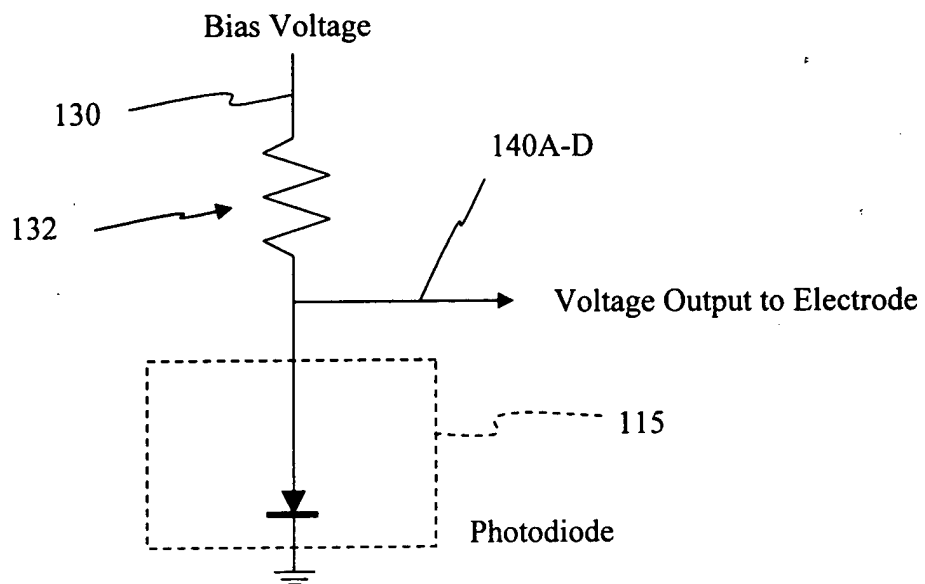


FIG. 6D

Optical Control of a MEMS

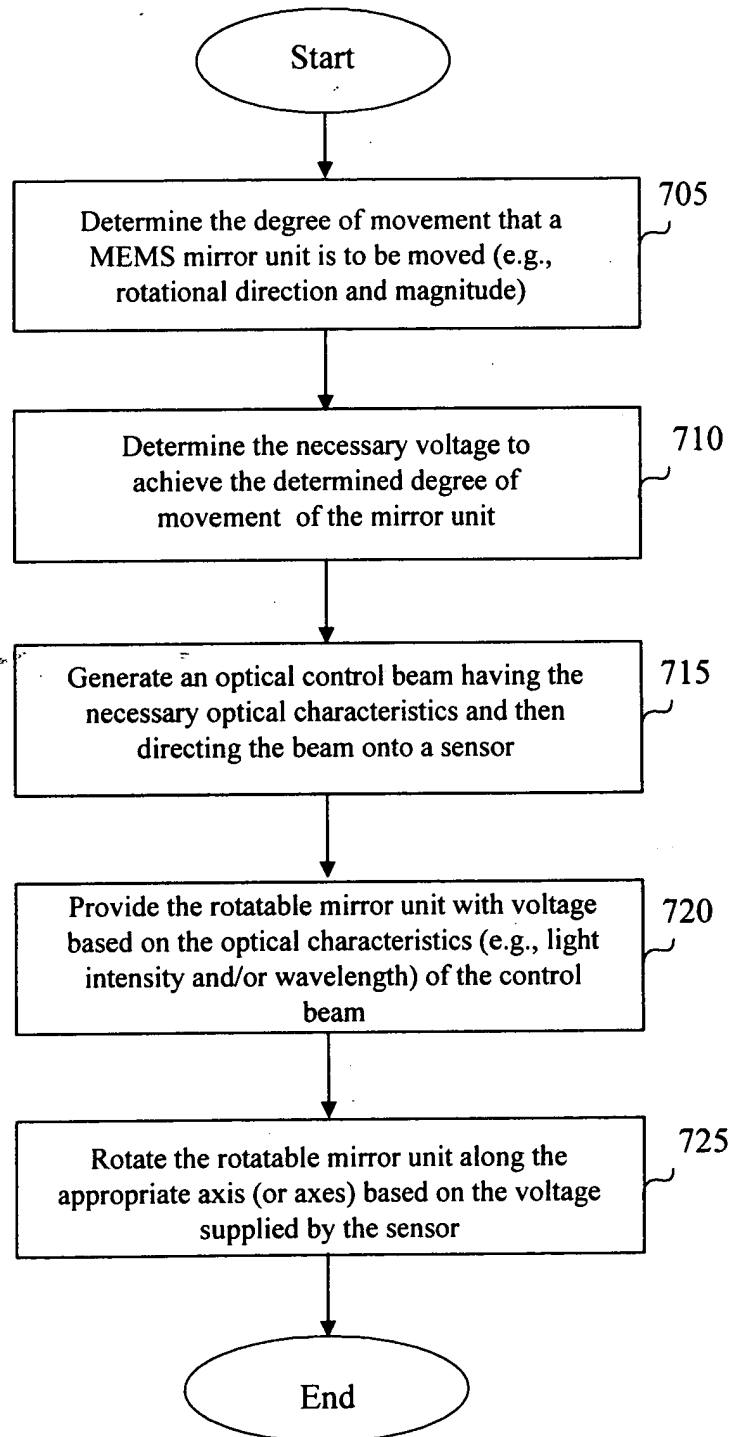


FIG. 7

Optical Switch Having Multiple Optically Addressed MEMS

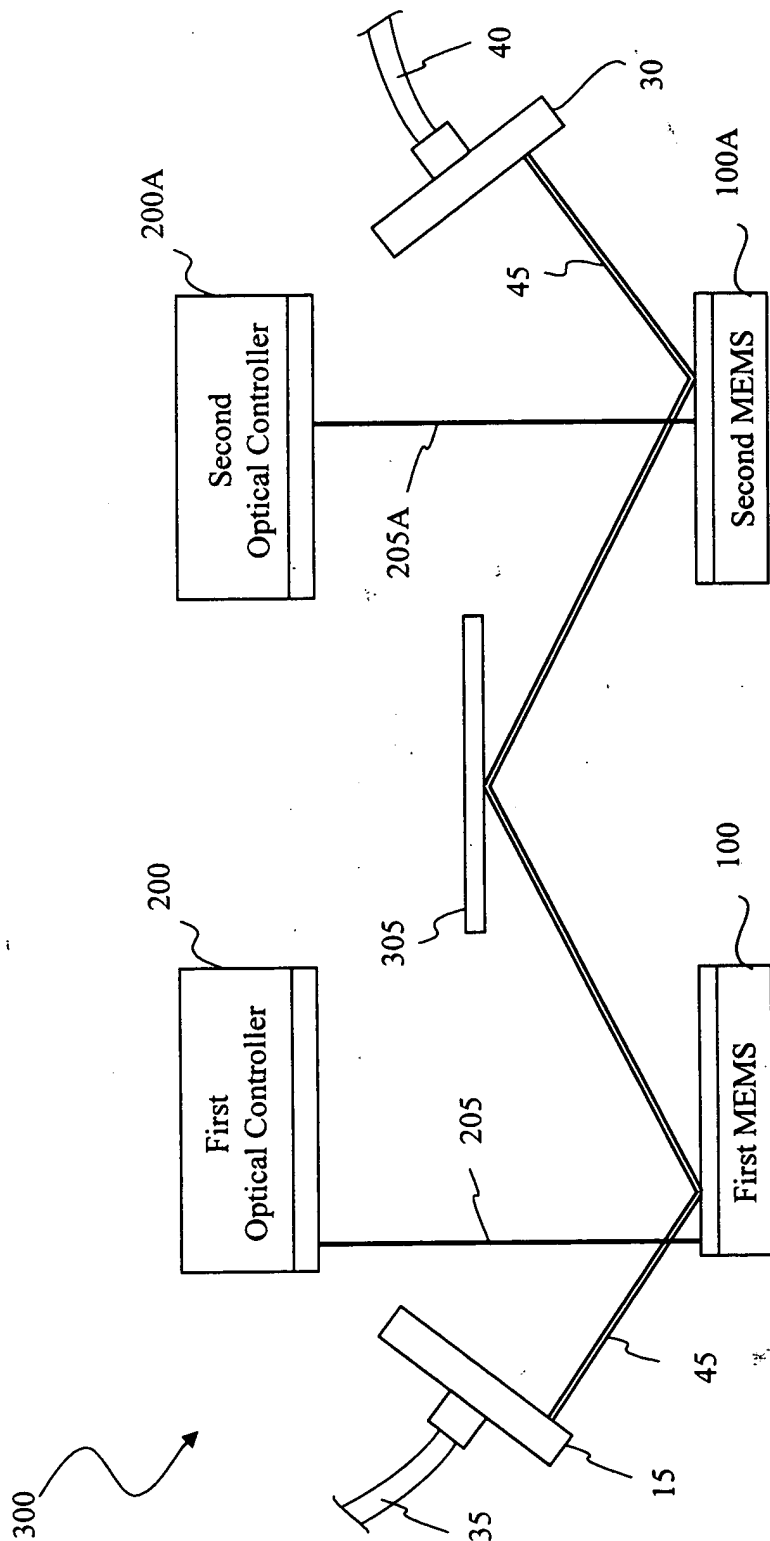


FIG. 8

Optical Switch Having Multiple Optically Addressed MEMS

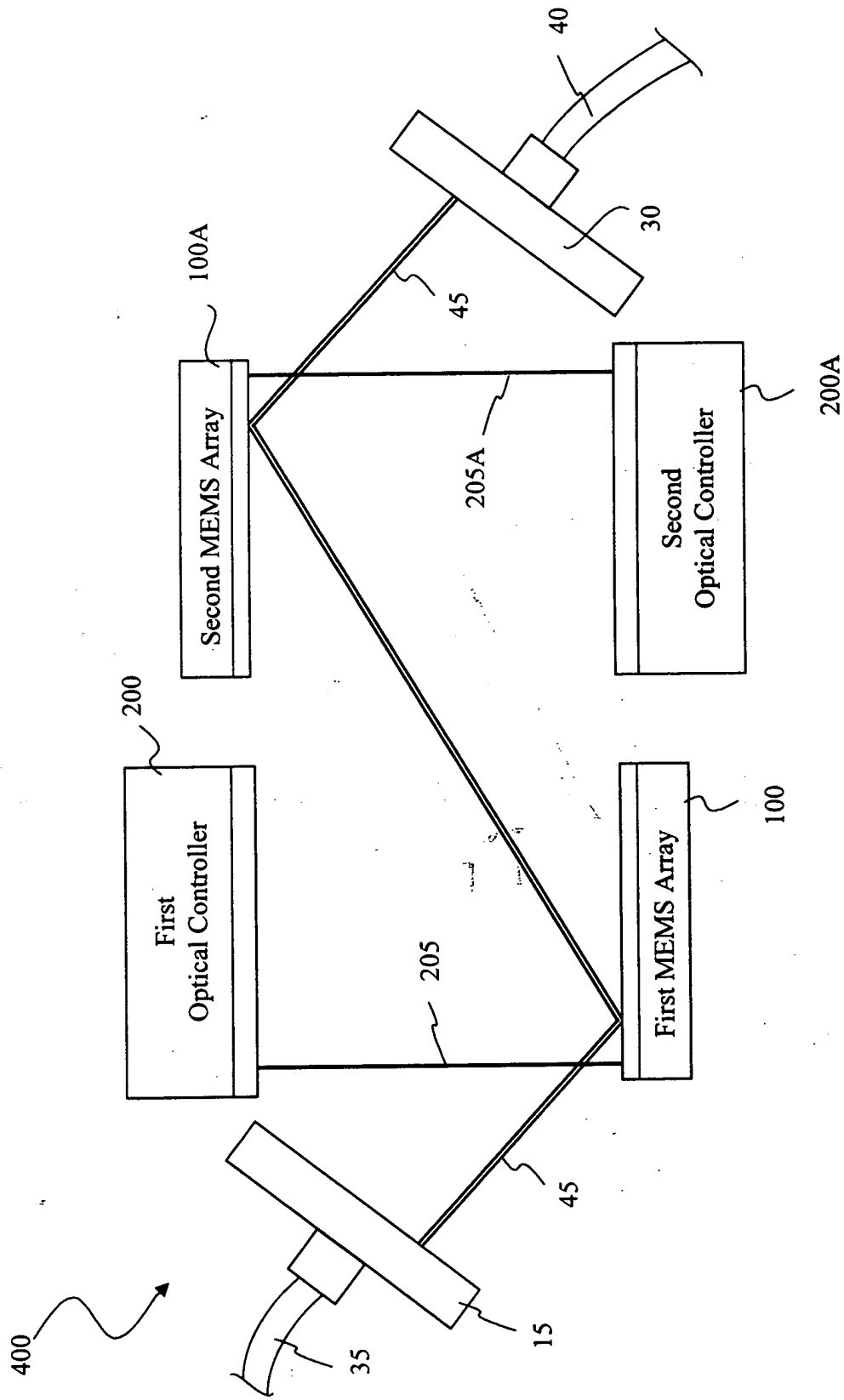


FIG. 9

Optical Switch Utilizing An Alignment Beam And Having Multiple Optically Addressed MEMS

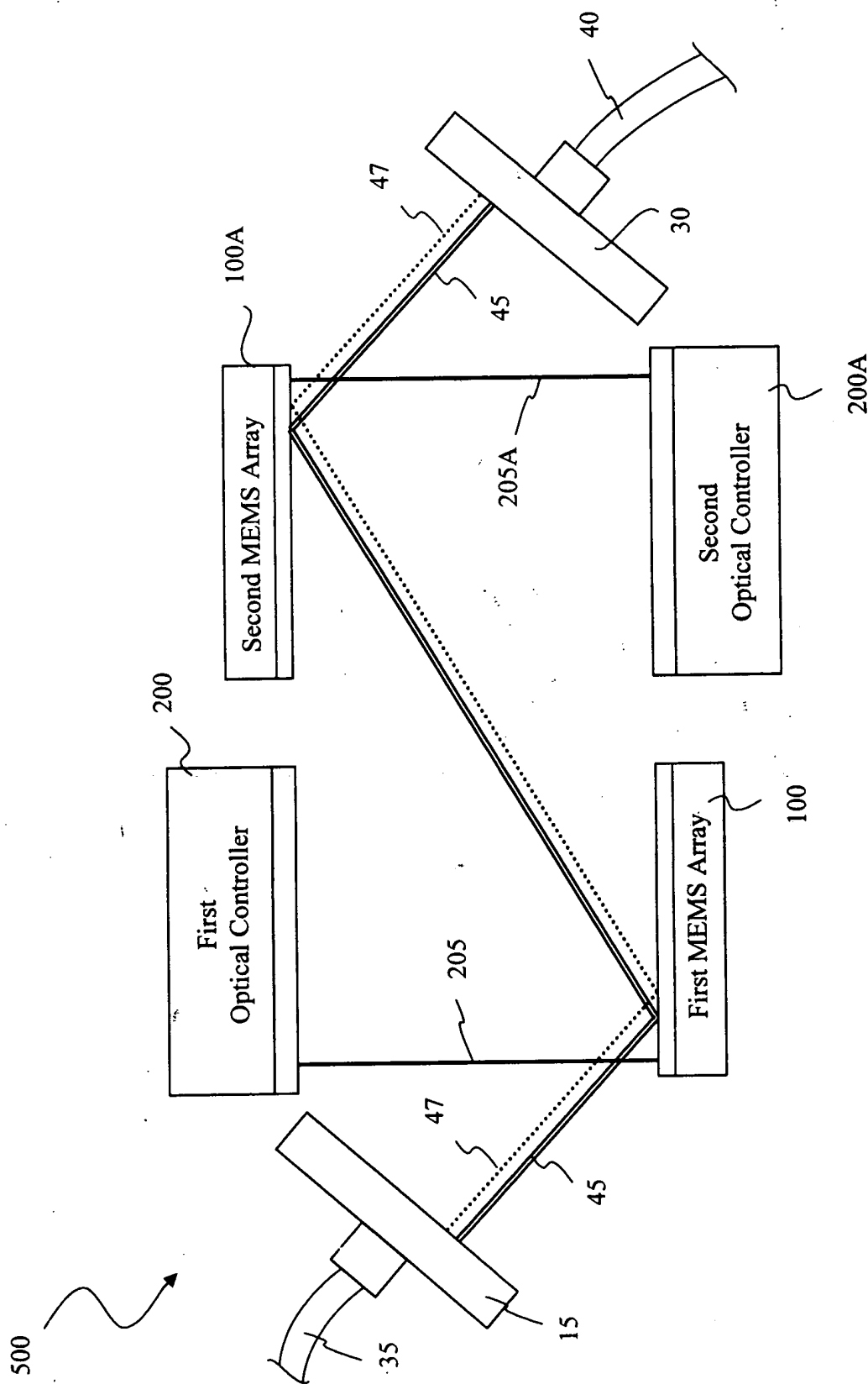


FIG. 10

Communication, Alignment, and Control Beams Striking a MEMS Unit

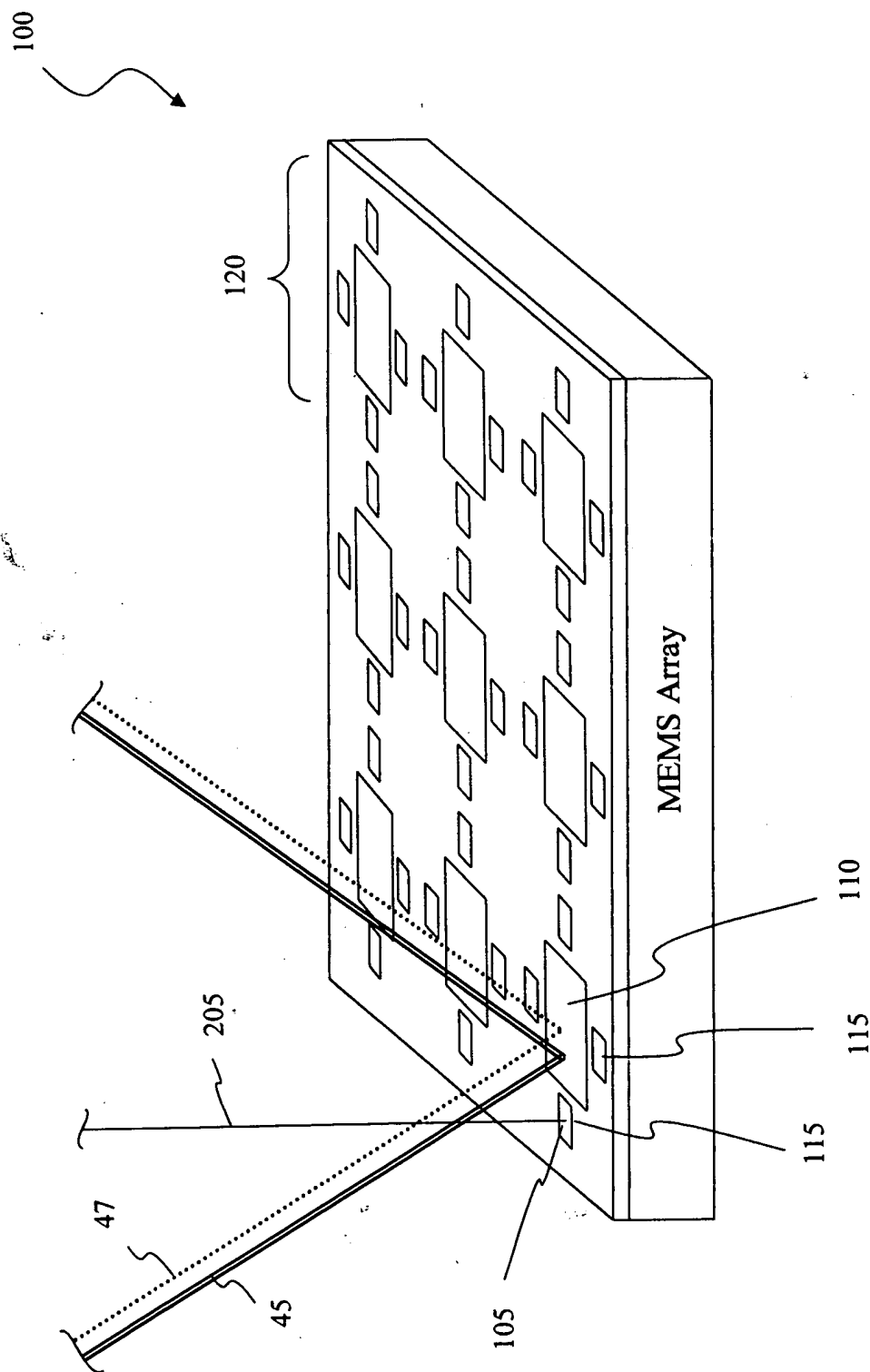


FIG. 11